

KY COVID-19 Report 10OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	714,184	514,591	199,593
Deaths	9,127	8,108	1,019
New Cases	1,427	998	429
New Cases 18 and Under	289	191	98
Total New Deaths	21	15	6

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
46,828	6.6%	0-9	0.0%	1
96,355	13.5%	10-19	0.0%	4
123,487	17.3%	20-29	0.3%	27
110,953	15.5%	30-39	1.1%	98
103,807	14.5%	40-49	3.1%	284
95,530	13.4%	50-59	8.3%	755
71,302	10.0%	60-69	18.8%	1,715
41,621	5.8%	70-79	27.2%	2,478
24,063	3.4%	80+	41.3%	3,765
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,831	0.3%	American Indian	0.1%	10
5,310	0.9%	Asian	0.5%	43
46,751	7.8%	Black	7.5%	652
379	0.1%	Pacific Islander	0.1%	5
511,631	85.7%	White	89.3%	7,789
30,794	5.2%	Multiracial	2.6%	223

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,675	4.7%	Hispanic	1.6%	132
543,042	95.3%	Non-Hispanic	98.4%	8,347

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.5% of cases and 95.6% of deaths
Ethnicity known for 79.8% of cases and 92.9% of deaths

*Race, for new cases, is not updated on weekend reports. Monday's report will provide data that is completely updated for this variable for all cases, including those reported on Saturday and Sunday.

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,129	96,494	8.42%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.

Testing Type Summary

Total Tests	Total PCR Tests	Total Serology Tests	Total Antigen Tests	Total Positive Tests	Total PCR Positive	Total Serology Positive	Total Antigen Positive
9,377,308	7,071,499	392,111	1,693,967	865,460	603,609	50,622	211,229

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	30,064	4.21%
Ever ICU	5,869	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,394
ICU	431
On Ventilator	272

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,709	4,437	66.2%
ICU Beds	1,243	232	84.3%
Ventilators	734	1,191	38.1%

Current Regional Statistics

Region	COVID-19 Inpatient	COVID-19 ICU	COVID-19 on Ventilator	Inpatient Capacity Used for COVID-19	ICU Capacity Used for COVID-19	Ventilator Capacity Used for COVID-19	Inpatient Capacity in Use	ICU Capacity in Use	Ventilator Capacity in Use
Region 1	60	18	6	7.9%	24.3%	6.7%	56.28%	91.89%	17.78%
Region 2	105	42	35	13.4%	52.5%	40.7%	61.64%	83.75%	44.19%
Region 3	384	109	55	10.3%	27.7%	12.0%	68.34%	84.48%	36.74%
Region 4	70	21	18	8.4%	23.1%	12.2%	57.96%	96.70%	29.25%
Region 5	288	92	63	10.3%	25.8%	11.4%	73.78%	90.17%	44.50%
Region 6	98	26	18	8.2%	33.3%	15.8%	78.04%	98.72%	54.39%
Region 7	89	20	14	13.6%	21.7%	10.0%	65.04%	48.91%	13.57%
Region 8	138	44	27	11.3%	28.2%	17.9%	54.98%	72.44%	51.66%
Region 9	109	36	26	16.1%	35.6%	24.5%	59.85%	80.20%	37.74%
Region 10	53	23	10	11.0%	42.6%	13.2%	54.04%	94.44%	28.95%

Data is derived from the most recent report from facilities as of 12am. COVID-19 census numbers include both confirmed and suspected patients. Red shading indicates regions with current inpatient, ICU, or ventilator capacity in use 80% or higher.

Region 1:

Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Trigg

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	115,929	16.2%
Fayette	50,425	7.1%
Warren	25,053	3.5%
Kenton	22,843	3.2%
Boone	19,483	2.7%
Hardin	17,401	2.4%
Daviess	16,396	2.3%
Madison	15,328	2.1%
Laurel	12,653	1.8%
Campbell	11,977	1.7%
Bullitt	11,632	1.6%
Pike	10,224	1.4%
Christian	10,002	1.4%
Pulaski	9,938	1.4%
Oldham	9,860	1.4%
McCracken	9,783	1.4%
Whitley	8,453	1.2%
Nelson	8,056	1.1%
Boyd	8,041	1.1%
Scott	7,913	1.1%
Jessamine	7,827	1.1%
Henderson	7,778	1.1%
Hopkins	7,738	1.1%
Barren	7,734	1.1%
Graves	7,066	1.0%
Knox	7,017	1.0%
Shelby	6,817	1.0%
Floyd	6,784	0.9%
Franklin	6,697	0.9%
Greenup	6,109	0.9%

County	Cases	Percent
Perry	5,883	0.8%
Bell	5,676	0.8%
Muhlenberg	5,384	0.8%
Boyle	5,210	0.7%
Harlan	5,205	0.7%
Taylor	5,177	0.7%
Calloway	5,058	0.7%
Clay	5,036	0.7%
Clark	5,024	0.7%
Logan	4,951	0.7%
Marshall	4,914	0.7%
Grayson	4,499	0.6%
Carter	4,421	0.6%
Montgomery	4,313	0.6%
Mercer	4,287	0.6%
Ohio	4,207	0.6%
Lincoln	4,144	0.6%
Grant	3,885	0.5%
Marion	3,782	0.5%
Letcher	3,709	0.5%
Allen	3,671	0.5%
Johnson	3,612	0.5%
Hart	3,407	0.5%
Meade	3,385	0.5%
Russell	3,362	0.5%
Rowan	3,352	0.5%
Woodford	3,281	0.5%
McCreary	3,241	0.5%
Anderson	3,139	0.4%
Harrison	3,112	0.4%

County	Cases	Percent
Simpson	3,110	0.4%
Adair	3,076	0.4%
Rockcastle	3,059	0.4%
Bourbon	3,041	0.4%
Wayne	2,852	0.4%
Morgan	2,805	0.4%
Spencer	2,748	0.4%
Garrard	2,686	0.4%
Breckinridge	2,594	0.4%
Casey	2,550	0.4%
Jackson	2,496	0.3%
Lawrence	2,496	0.3%
Mason	2,468	0.3%
Henry	2,464	0.3%
Union	2,438	0.3%
Lewis	2,409	0.3%
Webster	2,404	0.3%
Powell	2,382	0.3%
Larue	2,331	0.3%
Knott	2,326	0.3%
Butler	2,272	0.3%
Washington	2,267	0.3%
Caldwell	2,217	0.3%
Monroe	2,206	0.3%
Green	2,163	0.3%
Estill	2,143	0.3%
Magoffin	2,123	0.3%
Leslie	2,102	0.3%
Fleming	2,066	0.3%
Clinton	1,950	0.3%

County	Cases	Percent
Breathitt	1,942	0.3%
Pendleton	1,939	0.3%
Trigg	1,935	0.3%
Lyon	1,901	0.3%
Metcalfe	1,848	0.3%
Martin	1,822	0.3%
Carroll	1,790	0.3%
Lee	1,694	0.2%
Todd	1,653	0.2%
Bath	1,521	0.2%
Edmonson	1,494	0.2%
McLean	1,410	0.2%
Hancock	1,348	0.2%
Livingston	1,342	0.2%
Owen	1,315	0.2%
Elliott	1,284	0.2%
Gallatin	1,184	0.2%
Wolfe	1,151	0.2%
Trimble	1,149	0.2%
Crittenden	1,125	0.2%
Nicholas	1,100	0.2%
Cumberland	1,064	0.1%
Bracken	1,050	0.1%
Owsley	942	0.1%
Menifee	810	0.1%
Fulton	720	0.1%
Ballard	644	0.1%
Carlisle	608	0.1%
Hickman	537	0.1%
Robertson	325	0.0%

Total Cases
714,184

New Cases by County

County	Cases	Percent
Jefferson	278	19.5%
Fayette	92	6.4%
Hardin	55	3.9%
Kenton	51	3.6%
Madison	42	2.9%
Daviess	40	2.8%
Pulaski	35	2.5%
Bullitt	31	2.2%
Boone	28	2.0%
Warren	26	1.8%
Oldham	24	1.7%
Adair	23	1.6%
Boyle	21	1.5%
Clark	21	1.5%
Franklin	21	1.5%
Scott	21	1.5%
Campbell	20	1.4%
Nelson	20	1.4%
Pike	19	1.3%
Rowan	19	1.3%
Grayson	18	1.3%
Jessamine	17	1.2%
Laurel	17	1.2%
Floyd	16	1.1%
Clinton	15	1.1%
Greenup	15	1.1%
Taylor	15	1.1%
Montgomery	14	1.0%
Russell	14	1.0%
Caldwell	13	0.9%

County	Cases	Percent
Trigg	13	0.9%
Anderson	12	0.8%
Perry	12	0.8%
Estill	11	0.8%
Whitley	11	0.8%
Green	10	0.7%
Henry	10	0.7%
Muhlenberg	10	0.7%
Bell	9	0.6%
Carter	9	0.6%
Crittenden	8	0.6%
Henderson	8	0.6%
Hopkins	8	0.6%
Jackson	8	0.6%
Shelby	8	0.6%
Lincoln	7	0.5%
Logan	7	0.5%
Spencer	7	0.5%
Barren	6	0.4%
Breathitt	6	0.4%
Graves	6	0.4%
Harlan	6	0.4%
Knox	6	0.4%
Livingston	6	0.4%
McCracken	6	0.4%
Menifee	6	0.4%
Todd	6	0.4%
Breckinridge	5	0.4%
Calloway	5	0.4%
Christian	5	0.4%

County	Cases	Percent
Clay	5	0.4%
Lawrence	5	0.4%
Marion	5	0.4%
Martin	5	0.4%
Meade	5	0.4%
Woodford	5	0.4%
Allen	4	0.3%
Bourbon	4	0.3%
Grant	4	0.3%
Hart	4	0.3%
Johnson	4	0.3%
Larue	4	0.3%
Lewis	4	0.3%
McCreary	4	0.3%
Mercer	4	0.3%
Ohio	4	0.3%
Simpson	4	0.3%
Washington	4	0.3%
Webster	4	0.3%
Bath	3	0.2%
Boyd	3	0.2%
Butler	3	0.2%
Carroll	3	0.2%
Casey	3	0.2%
McLean	3	0.2%
Magoffin	3	0.2%
Marshall	3	0.2%
Pendleton	3	0.2%
Rockcastle	3	0.2%
Union	3	0.2%

County	Cases	Percent
Carlisle	2	0.1%
Fleming	2	0.1%
Garrard	2	0.1%
Hancock	2	0.1%
Harrison	2	0.1%
Knott	2	0.1%
Leslie	2	0.1%
Lyon	2	0.1%
Metcalfe	2	0.1%
Nicholas	2	0.1%
Powell	2	0.1%
Trimble	2	0.1%
Wayne	2	0.1%
Wolfe	2	0.1%
Ballard	1	0.1%
Cumberland	1	0.1%
Elliott	1	0.1%
Hickman	1	0.1%
Owen	1	0.1%
Owsley	1	0.1%
Bracken	0	0.0%
Edmonson	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Lee	0	0.0%
Letcher	0	0.0%
Mason	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Robertson	0	0.0%

Total New Cases
1,427

Total Deaths by County

County	Deaths	Percent
Jefferson	1,543	16.9%
Fayette	378	4.1%
Daviess	249	2.7%
Kenton	242	2.7%
Hardin	238	2.6%
Warren	235	2.6%
Hopkins	189	2.1%
Boone	181	2.0%
McCracken	167	1.8%
Pulaski	163	1.8%
Pike	159	1.7%
Madison	144	1.6%
Barren	128	1.4%
Christian	125	1.4%
Graves	120	1.3%
Harlan	119	1.3%
Bullitt	113	1.2%
Laurel	111	1.2%
Floyd	108	1.2%
Shelby	99	1.1%
Henderson	98	1.1%
Boyd	97	1.1%
Campbell	91	1.0%
Oldham	91	1.0%
Bell	90	1.0%
Jessamine	87	1.0%
Perry	87	1.0%
Muhlenberg	85	0.9%
Whitley	82	0.9%
Boyle	80	0.9%

County	Deaths	Percent
Lincoln	80	0.9%
Grayson	79	0.9%
Logan	79	0.9%
Greenup	77	0.8%
Nelson	77	0.8%
Marshall	76	0.8%
Ohio	76	0.8%
Franklin	75	0.8%
Taylor	72	0.8%
Mercer	70	0.8%
Adair	68	0.7%
Letcher	65	0.7%
Allen	62	0.7%
Hart	61	0.7%
Calloway	60	0.7%
Mason	60	0.7%
Monroe	57	0.6%
Carter	56	0.6%
Clay	56	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Knox	51	0.6%
Montgomery	50	0.5%
Simpson	50	0.5%
Casey	48	0.5%
Jackson	48	0.5%
Caldwell	46	0.5%
Johnson	46	0.5%
McCreary	45	0.5%

County	Deaths	Percent
Washington	44	0.5%
Garrard	43	0.5%
Scott	43	0.5%
Anderson	40	0.4%
Larue	40	0.4%
Livingston	40	0.4%
Marion	40	0.4%
McLean	38	0.4%
Metcalfe	38	0.4%
Gallatin	37	0.4%
Lawrence	37	0.4%
Clark	36	0.4%
Knott	36	0.4%
Crittenden	35	0.4%
Martin	35	0.4%
Meade	34	0.4%
Webster	34	0.4%
Bourbon	32	0.4%
Clinton	32	0.4%
Fleming	32	0.4%
Butler	31	0.3%
Spencer	31	0.3%
Grant	30	0.3%
Harrison	30	0.3%
Lee	30	0.3%
Todd	30	0.3%
Union	29	0.3%
Bath	28	0.3%
Breckinridge	28	0.3%
Edmonson	28	0.3%

County	Deaths	Percent
Rockcastle	28	0.3%
Lyon	26	0.3%
Rowan	26	0.3%
Woodford	26	0.3%
Green	25	0.3%
Breathitt	24	0.3%
Henry	24	0.3%
Carroll	23	0.3%
Owen	22	0.2%
Powell	21	0.2%
Trigg	21	0.2%
Magoffin	20	0.2%
Menifee	20	0.2%
Ballard	19	0.2%
Hickman	19	0.2%
Leslie	18	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owsley	16	0.2%
Robertson	16	0.2%
Cumberland	15	0.2%
Nicholas	15	0.2%
Pendleton	14	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	11	0.1%
Wolfe	10	0.1%
Bracken	8	0.1%
Elliott	7	0.1%
Morgan	6	0.1%

Total Deaths
9,127

Incidence Rates by County

Average daily new cases per 100,000 population based on previous seven days

County	Rate
Harlan	87.9
Pendleton	87.1
Perry	86.5
Whitley	85.9
Mercer	85.3
Owsley	77.7
Rockcastle	76.2
Russell	74.9
Meade	74.0
Adair	72.9
Green	67.9
Grayson	67.6
Muhlenberg	67.2
Powell	67.0
Lawrence	66.2
Floyd	65.4
Wolfe	63.9
Knox	62.4
Taylor	61.5
Robertson	61.0
Bell	59.8
Leslie	59.3
Jackson	58.9
Madison	58.5
Monroe	57.7
Pike	56.8
Estill	56.7
Greenup	56.6
Henry	55.8
Carroll	55.1

County	Rate
Trimble	54.0
Garrard	51.8
Breathitt	50.9
Carter	50.6
Clinton	50.3
Harrison	49.9
Boyd	49.8
Grant	49.6
Rowan	49.1
Nelson	48.8
Martin	48.5
Bourbon	48.4
Ohio	45.8
Nicholas	45.2
Lincoln	44.2
McLean	43.4
Butler	43.3
Allen	42.9
Franklin	42.6
Fleming	42.1
Hart	41.3
Metcalfe	41.1
Simpson	40.8
Marion	40.8
Kenton	40.4
Gallatin	40.3
Magoffin	39.9
Lewis	39.8
McCreary	39.0
Jefferson	38.9

County	Rate
Daviess	38.8
Hardin	38.6
Knott	38.6
Letcher	38.4
Boone	37.9
Bracken	37.9
Clay	37.3
Jessamine	37.2
Boyle	36.6
Webster	36.4
Henderson	36.3
Warren	36.0
Cumberland	34.6
Woodford	34.2
Pulaski	33.9
Bullitt	33.6
Scott	33.6
Marshall	33.5
Shelby	33.5
Fayette	33.1
Lyon	33.1
Logan	32.7
Christian	32.6
Campbell	32.5
Hopkins	32.0
Washington	31.9
Mason	31.8
Owen	31.5
Spencer	31.0
Caldwell	30.3

County	Rate
Clark	29.9
Hancock	29.5
Laurel	29.4
Johnson	28.3
Casey	28.3
Breckinridge	27.9
Ballard	27.2
Anderson	27.0
Menifee	26.4
Montgomery	26.4
Fulton	26.3
Edmonson	25.9
Barren	25.8
Oldham	25.7
Todd	24.4
Carlisle	24.0
McCracken	23.8
Graves	23.4
Lee	23.2
Crittenden	22.7
Union	21.9
Calloway	21.6
Bath	20.6
Larue	19.8
Trigg	16.6
Hickman	16.3
Morgan	15.0
Livingston	14.0
Wayne	13.3
Elliott	7.6

Current Overall Incidence Rate
40.65 per 100k population

The average daily incidence rates are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date. Populations used for the rate calculation are the 2019 estimates from the US Census Bureau.